2012 Blood Glucose Monitoring Test

Answer Sheet

1. If you hold the scan key down for 60 seconds or more and note the error “Laser on Time Out,” how long do you have to wait before you can resume testing?
   - [ ] 1 minute
   - [ ] 10 minutes
   - [x] 15 minutes

2. What do you do if the operator ID is not working with the glucose meter and your instructor’s certification is current? What number do you use for patient identification for glucose testing?
   - [ ] Medical record number on the armband
   - [ ] The date you performed the test
   - [x] Billing account number on the armband

3. When you open new control bottles, write on each bottle your initials, the opened date and:
   - [ ] The patient name
   - [ ] The expiration date
   - [ ] Your unit’s cost center number

4. Which of the following is an appropriate comment code for an out-of-range control result?
   - [ ] Hypoglycemia protocol
   - [ ] No action required
   - [ ] Repeat test

5. When performing a glucose test from a finger stick, proper skin puncture technique requires you to allow the alcohol to dry prior to puncturing the skin and:
   - [ ] Wipe away the first drop of blood prior to specimen collection
   - [ ] Use first drop of blood after puncture
   - [ ] Forcefully squeeze the patient’s finger to obtain an adequate specimen

6. When must you input a comment code for an out-of-range patient result?
   - [ ] Only after you have repeated the test and confirmed the critical result
   - [x] With EVERY result that is out of range
   - [ ] When the result is less than 50 mg/dl

7. How do you avoid getting blood or control material in the meter sample port?
   - [ ] Place specimen on test strip prior to testing.
   - [x] Complete testing with the meter in a horizontal (flat) position.
   - [ ] Wipe any excess blood or control material away from the strip.

8. What does “Strip Error 211” mean?
   - [ ] The batteries are low and need to be changed.
   - [x] The sample port is wet and needs to dry.
   - [ ] The meter is broken and needs to be replaced.

Continue to next page.
9. All of the following are possible reasons for out-of-range controls EXCEPT:
   - Air bubbles on the solution tip or on the strip
   - Solution used past 90 days after opening
   - One drop of the solution was applied to the strip.

10. After performing a patient test, you notice the value displayed on the glucometer has an arrow beside it. This means the patient value is out-of-range. What values are out of range for glucometer testing for adults?
   - Below or equal to 50 mg/dl or above 400 mg/dl
   - Below 60 mg/dl or above 400 mg/dl
   - Below 65 mg/dl or above 300 mg/dl

11. You are caring for a diabetic patient in isolation. Before entering the room, you place the glucometer in a plastic biohazard bag. All of the following are correct EXCEPT:
   - You may scan the patient’s armband through the plastic biohazard bag.
   - You poke the test strip through the bag then into the glucometer.
   - **You must discard the test strip and biohazard bag after you leave the patient’s room.**

12. What are possible reasons for an out-of-range patient test?
   - The patient just drank a Diet Coke.
   - Alcohol or water remains on the puncture site.
   - You placed too much sample on the test strip.

13. What number do you call if you need help with anything related to the glucometer?
   - 678-312-2902
   - 678-312-2990
   - 678-312-2009

14. When you get an out-of-range patient result, what do you do first?
   - Feed the patient juice and crackers if the result is too low
   - Tell the physician /charge nurse, immediately
   - **Enter comment code #1 for repeat test and immediately repeat test from same puncture site to verify results**

15. If the patient’s armband won’t scan, what do you do?
   - Use the MRN number.
   - **Let the person in charge know so the patient can get a new armband. If you have to enter the number manually, check the number very, very carefully before pushing the enter key.**
   - Use a sticker from the patient’s chart.

16. All of the following statements are true EXCEPT:
   - To ensure positive patient identification, always scan the patient armband.
   - If you manually enter an incorrect patient account number, the results file incorrectly.
   - **Adult and newborn glucose ranges are the same.**

17. Test low and high control once every __ hours.
   - 8
   - **12**
   - 24

18. You must dock the glucometer every __ hours because patient/control results transmit to the computer system and updates transmit to the meter.
   - 4
   - **8**
   - 12
19. You can use the control solutions for ___ days after you open them.
   □ 30
   □ 60
   □ 90

   If you get more than 4 wrong, you will have to retake the test.